

ABSTRACT

A heart valve assembly includes a base including a multi-lobular annular shape within a plane, a valve member or other annular body including a multi-lobular shape complementary to the shape of the base, and cooperating connectors on the base and the annular body for
5 connecting the annular body to the base. The base includes an anchoring ring, and a flexible cuff for attaching the base to a biological annulus. The base and the annular body include guides for aligning their multi-lobular shapes, e.g., visual, tactile, or other markers, or tethers that extend from the base that are slidable through the annular body. During use, the base is attached to a biological annulus, the annular body is directed adjacent the annulus, oriented such that the
10 multi-lobular shape of the annular body valve member is aligned with the base, and the annular body is attached to the base.